

Product: **Euromed Freezing Medium Serum Free**

Product Code: **ECM0625N**

<p>Product Description</p>	<p>Euromed Freezing medium is a serum free medium for the cryopreservation of cells. Cryopreservation is a procedure to stabilize cells at cryogenic temperatures enabling long term storage in liquid nitrogen.</p> <p>Ready to use solution. Contains cryoprotective agents to minimize dehydration effects. High viability of cells after thawing.</p>
<p>Composition</p>	<p>During the freezing process the usage of cryoprotective additives, such as Euromed Freezing Medium, protects fragile membranes and organelles of the cells by minimizing the damage associated with ice crystal formation.</p> <p>Euromed Freezing serum free consists of a basal medium with different saccharides, reducing agents, colloids and 10% DMSO.</p>
<p>Features</p>	<p>Cryopreservation protocol - Count the number of viable cells to be cryopreserved. Cells should be in mid-log phase of growth. Centrifuge the cells for 5 min to pellet cells (200 to 400 x g). Remove the supernatant down to the smallest volume without disturbing the cells.</p>
<p>Batch no</p>	
<p>Expiry date</p>	
<p>Volume</p>	50ml
<p>Physical Appearance</p>	Liquid
<p>Storage and Stability</p>	<p>Resuspend cells in pre-cooled (4°C to 8°C) Euromed Freezing to a concentration of 5×10^6 to 1×10^7 cells/ml. Aliquot into cryogenic storage vials. Place vials at 4°C and start the freezing procedure within 5 min. Cells are frozen slowly at 1°C/min (by programmable coolers or by placing vials in an insulated box in a -70°C to -90°C freezer). Storage vials in the gas phase of liquid nitrogen.</p>

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